

## Safety Data Sheet according to WHS Regulations

Printing date 14.08.2017

Revision: 14.08.2017

### 1 Identification

**Product Name:** RAPID SET® ONE PASS®

**Other Means of Identification:** Mixture

**Recommended Use of the Chemical and Restriction on Use:**

An all purpose, durable, fast-setting joint compound & gyprock wall repair material.

**Details of Manufacturer or Importer:**

Volumetric Concrete Australia Pty Ltd  
19-21 Cann Street  
Guildford NSW 2161

**Phone Number:** 02 9632 1900

**Emergency telephone number:** National Poison Information Centre: 13 11 26

### 2 Hazard(s) Identification

**Hazardous Nature:**

Classified as Hazardous according to the Globally Harmonised System of Classification and Labelling of Chemicals (GHS) and Safe Work Australia criteria.

Not classified as Dangerous Goods according to the Australian Code for the Transport of Dangerous Goods by Road and Rail. (7th edition)



corrosion

Skin Corrosion/Irritation 1A      H314 Causes severe skin burns and eye damage.

Serious Eye Damage/Irritation 1      H318 Causes serious eye damage.



Skin Sensitisation 1      H317 May cause an allergic skin reaction.

STOT SE 3      H335 May cause respiratory irritation.

**Signal Word** Danger

**Hazard Statements**

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H335 May cause respiratory irritation.

**Precautionary Statements**

P260 Do not breathe dusts or mists.

P264 Wash hands thoroughly after handling.

P271 Use only outdoors or in a well-ventilated area.

P272 Contaminated work clothing should not be allowed out of the workplace.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P301+P330+P331 IF SWALLOWED: rinse mouth. Do NOT induce vomiting.

P303+P361+P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

P304+P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing.

P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

P310 Immediately call a POISON CENTER/doctor.

P321 Specific treatment (see on this label).

P333+P313 If skin irritation or rash occurs: Get medical advice/attention.

(Contd. on page 2)

# Safety Data Sheet

## according to WHS Regulations

Printing date 14.08.2017

Revision: 14.08.2017

**Product Name: RAPID SET® ONE PASS®**

(Contd. of page 1)

P362+P364	Take off contaminated clothing and wash it before reuse.
P363	Wash contaminated clothing before reuse.
P403+P233	Store in a well-ventilated place. Keep container tightly closed.
P405	Store locked up.
P501	Dispose of contents/container in accordance with local/regional/national regulations.

### 3 Composition and Information on Ingredients

#### Chemical Characterization: Mixtures

**Description:** Mixture of substances listed below with nonhazardous additions.

#### Hazardous Components:

1305-78-8	Calcium oxide ⚠ Serious Eye Damage/Irritation 1, H318; ⚠ Skin Corrosion/Irritation 2, H315; STOT SE 3, H335	50.87%
7631-86-9	Silica	15.40%
1344-28-1	Aluminium oxide (Al <sub>2</sub> O <sub>3</sub> )	13.74%
7446-11-9	Sulphur trioxide ⚠ Skin Corrosion/Irritation 1A, H314; Serious Eye Damage/Irritation 1, H318; ⚠ STOT SE 3, H335	12.52%
65997-15-1	Cement, portland, chemicals ⚠ Serious Eye Damage/Irritation 1, H318; ⚠ Skin Corrosion/Irritation 2, H315; Skin Sensitisation 1, H317; STOT SE 3, H335	2.84%
1345-25-1	Iron oxide	2.38%
1309-48-4	Magnesium oxide	1.26%
1313-59-3	Sodium oxide ⚠ Skin Corrosion/Irritation 1B, H314	0.56%

#### Additional information:

Note: This product may contain trace amounts of hexavalent chromium, which is a known human carcinogen.

### 4 First Aid Measures

#### Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Seek medical attention if breathing problems develop.

#### Skin Contact:

In case of skin contact, immediately remove contaminated clothing and wash affected areas with water and soap. Seek medical attention if symptoms occur.

#### Eye Contact:

In case of eye contact, rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Seek medical attention.

#### Ingestion:

If swallowed, do not induce vomiting. Immediately rinse mouth with water. Give a glass of water. Never give anything by mouth to an unconscious person. Seek immediate medical attention.

#### Symptoms Caused by Exposure:

(Contd. on page 3)

# Safety Data Sheet

## according to WHS Regulations

Printing date 14.08.2017

Revision: 14.08.2017

**Product Name: RAPID SET® ONE PASS®**

(Contd. of page 2)

Inhalation: May cause respiratory irritation and inflammation, including irritation to the nose, throat and lungs.

Skin Contact: Causes severe skin burns and irritation leading to skin dryness, redness and rash. May cause an allergic skin reaction.

When mixed with water the material becomes strongly basic and may cause skin burns or blistering.

Eye Contact: Causes serious eye damage and irritation. May cause inflammation of the cornea.

Ingestion: May cause gastrointestinal irritation or burns to mucous membranes.

### 5 Fire Fighting Measures

**Suitable Extinguishing Media:** Water spray or fog, foam, dry chemical or carbon dioxide.

**Specific Hazards Arising from the Chemical:**

Product is not flammable or combustible.

Product close to fire should be removed if safe to do so.

**Special Protective Equipment and Precautions for Fire Fighters:**

When fighting a major fire wear self-contained breathing apparatus and protective equipment.

### 6 Accidental Release Measures

**Personal Precautions, Protective Equipment and Emergency Procedures:**

Wear approved dust/particulate filter respirator and full protective clothing. Evacuate all non-essential personnel from affected area. Do not breathe dust. Ensure adequate ventilation. Avoid generating dust.

**Environmental Precautions:**

In the event of a major spill, prevent spillage from entering drains or water courses.

**Methods and Materials for Containment and Cleaning Up:**

Clean the area using an industrial vacuum cleaner. Wet mopping and wiping is acceptable if vacuuming is not workable. Avoid generating dust. Place into containers for reuse or disposal.

### 7 Handling and Storage

**Precautions for Safe Handling:**

Use of safe work practices are recommended to avoid eye or skin contact and inhalation of dust.

Food, beverages and tobacco products should not be stored or consumed where this material is in use.

Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use. Contaminated work clothing must not be allowed out of the workplace. Provide eyewash fountains and safety showers in close proximity to points of potential exposure.

**Conditions for Safe Storage:**

Store in a cool, dry and well ventilated area. Keep in original packaging, tightly closed when not in use. Protect from excessive moisture. Keep away from strong oxidising agents, acids, ammonium and salts.

### 8 Exposure Controls and Personal Protection

**Exposure Standards:**

**1305-78-8 Calcium oxide**

WES | TWA: 2 mg/m<sup>3</sup>

**7631-86-9 Silica**

WES | TWA: 2 mg/m<sup>3</sup>

**1344-28-1 Aluminium oxide (Al<sub>2</sub>O<sub>3</sub>)**

WES | TWA: 10 mg/m<sup>3</sup>

**65997-15-1 Cement, portland, chemicals**

WES | TWA: 10 mg/m<sup>3</sup>

(Contd. on page 4)

# Safety Data Sheet

## according to WHS Regulations

Printing date 14.08.2017

Revision: 14.08.2017

**Product Name: RAPID SET® ONE PASS®**

(Contd. of page 3)

<b>1345-25-1 Iron oxide</b>	
WES	TWA: 1 mg/m <sup>3</sup> as Fe
<b>1309-48-4 Magnesium oxide</b>	
WES	TWA: 10 mg/m <sup>3</sup>

**Engineering Controls:** Ensure adequate ventilation of the working area.

### Respiratory Protection:

Where an inhalation risk exists, wear a Class P1 (particulate) respirator. At high dust levels, wear a powered air purifying respirator (PAPR) with Class P3 (Particulate) filter or an air-line respirator or a full-face Class P3 (particulate) respirator. See Australian/New Zealand Standards AS/NZS 1715 and 1716 for more information.

### Skin Protection:

Impervious gloves. See Australian/New Zealand Standard AS/NZS 2161 for more information. When selecting hand protection, the product should comply with relevant performance criteria. For example, gloves should meet a suitable level of abrasion resistance to provide protection against hazards of a workplace. Occupational protective clothing (depending on conditions in which it has to be used, in particular as regards the period for which it is worn, which shall be determined on the basis of the seriousness of the risk, the frequency of exposure to the risk, the characteristics of the workstation of each worker and the performance of the protective clothing). See Australian/New Zealand Standard AS/NZS 4501 for more information.

### Eye and Face Protection:

Eye and face protectors for protection against dust. See Australian/New Zealand Standard AS/NZS 1337 for more information.

## 9 Physical and Chemical Properties

### Appearance:

<b>Form:</b>	Powder
<b>Colour:</b>	Grey or white
<b>Odour:</b>	Odourless
<b>Odour Threshold:</b>	No information available
<b>pH-Value:</b>	Not applicable
<b>Melting point/freezing point:</b>	Not applicable
<b>Initial Boiling Point/Boiling Range:</b>	Not applicable
<b>Flash Point:</b>	Not applicable
<b>Flammability:</b>	Product is not flammable.
<b>Auto-ignition Temperature:</b>	Not applicable
<b>Decomposition Temperature:</b>	No information available
<b>Explosion Limits:</b>	
<b>Lower:</b>	Not applicable
<b>Upper:</b>	Not applicable
<b>Vapour Pressure:</b>	Not applicable
<b>Relative Density:</b>	3.1
<b>Vapour Density:</b>	Not applicable
<b>Evaporation Rate:</b>	Not applicable
<b>Solubility in Water:</b>	Slight
<b>Partition Coefficient (n-octanol/water):</b>	Not applicable
<b>Viscosity:</b>	Not applicable

(Contd. on page 5)

# Safety Data Sheet

according to WHS Regulations

Printing date 14.08.2017

Revision: 14.08.2017

**Product Name: RAPID SET® ONE PASS®**

(Contd. of page 4)

## 10 Stability and Reactivity

**Possibility of Hazardous Reactions:**

Hazardous polymerisation will not occur.  
When mixed with water the material becomes strongly basic.

**Chemical Stability:** Stable at ambient temperature and under normal conditions of use.**Conditions to Avoid:** Excessive moisture.**Incompatible Materials:** Strong oxidising agents, acids, ammonium and salts.**Hazardous Decomposition Products:** No further relevant information available.

## 11 Toxicological Information

**Toxicity:****LD<sub>50</sub>/LC<sub>50</sub> Values Relevant for Classification:****7631-86-9 Silica**

Oral	LD <sub>50</sub>	10000 mg/kg (rat)
------	------------------	-------------------

**7446-11-9 Sulphur trioxide**

Oral	LD <sub>50</sub>	2140 mg/kg (rat)
Inhalation	LD <sub>50</sub>	320 mg/kg (mouse) 510 mg/kg (rat)

**Acute Health Effects****Inhalation:** May cause respiratory irritation and inflammation, including irritation to the nose, throat and lungs.**Skin:**

Causes severe skin burns and irritation leading to skin dryness, redness and rash. May cause an allergic skin reaction.

When mixed with water the material becomes strongly basic and may cause skin burns or blistering.

**Eye:** Causes serious eye damage and irritation. May cause inflammation of the cornea.**Ingestion:** May cause gastrointestinal irritation or burns to mucous membranes.**Skin Corrosion / Irritation:** Causes severe skin burns.**Serious Eye Damage / Irritation:** Causes serious eye damage.**Respiratory or Skin Sensitisation:** May cause an allergic skin reaction.**Germ Cell Mutagenicity:** Based on classification principles, the classification criteria are not met.**Carcinogenicity:**

Silica, amorphous is classified by IARC as Group 3 - Not classifiable as to its carcinogenicity to humans.

**Reproductive Toxicity:** Based on classification principles, the classification criteria are not met.**Specific Target Organ Toxicity (STOT) - Single Exposure:** May cause respiratory irritation.**Specific Target Organ Toxicity (STOT) - Repeated Exposure:**

Based on classification principles, the classification criteria are not met.

**Aspiration Hazard:** Based on classification principles, the classification criteria are not met.**Chronic Health Effects:** Repeated or prolonged skin exposure may cause allergic dermatitis.**Existing Conditions Aggravated by Exposure:** No information available**Additional toxicological information:** No information available

(Contd. on page 6)

# Safety Data Sheet

according to WHS Regulations

Printing date 14.08.2017

Revision: 14.08.2017

**Product Name: RAPID SET® ONE PASS®**

(Contd. of page 5)

## 12 Ecological Information

**Ecotoxicity:**

When mixed with water the material becomes strongly basic. Environmental contamination may cause serious damage.

**Aquatic toxicity:****1305-78-8 Calcium oxide**LC<sub>50</sub>/96 h | 1070 mg/l (carp)**Persistence and Degradability:** No further relevant information available.**Bioaccumulative Potential:** No further relevant information available.**Mobility in Soil:** No further relevant information available.**Other adverse effects:** No further relevant information available.

## 13 Disposal Considerations

**Disposal Methods and Containers:** Dispose according to applicable local and state government regulations.**Special Precautions for Landfill or Incineration:**

Please consult your state Land Waste Management Authority for more information.

## 14 Transport Information

**UN Number** Not regulated**Proper Shipping Name** Not regulated**Dangerous Goods Class** Not regulated**Packing Group:** Not regulated

## 15 Regulatory Information

**Australian Inventory of Chemical Substances:**

1305-78-8	Calcium oxide
7631-86-9	Silica
1344-28-1	Aluminium oxide (Al <sub>2</sub> O <sub>3</sub> )
7446-11-9	Sulphur trioxide
65997-15-1	Cement, portland, chemicals
1345-25-1	Iron oxide
1309-48-4	Magnesium oxide
1313-59-3	Sodium oxide

**Standard for the Uniform Scheduling of Drugs and Poisons (SUSMP) - Poison Schedule:**

Not Scheduled.

## 16 Other Information

**Date of Preparation or Last Revision:** 14.08.2017**Prepared by:** MSDS.COM.AU Pty Ltd

www.msds.com.au

**Abbreviations and acronyms:**

GHS: Globally Harmonised System of Classification and Labelling of Chemicals

CAS: Chemical Abstracts Service (division of the American Chemical Society)

LC<sub>50</sub>: Lethal concentration, 50 percent

(Contd. on page 7)

# Safety Data Sheet

## according to WHS Regulations

Printing date 14.08.2017

Revision: 14.08.2017

**Product Name: RAPID SET® ONE PASS®**

(Contd. of page 6)

LD<sub>50</sub>: Lethal dose, 50 percent

IARC: International Agency for Research on Cancer

STEL: Short Term Exposure Limit

TWA: Time Weighted Average

NES: National Exposure Standard (Safe Work Australia - Workplace Exposure Standards For Airborne Contaminants)

Skin Corrosion/Irritation 1A: Skin corrosion/irritation – Category 1A

Skin Corrosion/Irritation 1B: Skin corrosion/irritation – Category 1B

Skin Corrosion/Irritation 2: Skin corrosion/irritation – Category 2

Serious Eye Damage/Irritation 1: Serious eye damage/eye irritation – Category 1

Skin Sensitisation 1: Skin sensitisation, Hazard Category 1

STOT SE 3: Specific target organ toxicity (single exposure) – Category 3

**Disclaimer**

This SDS is prepared in accord with the Safe Work Australia document “Code of Practice for the Preparation of Safety Data Sheets for Hazardous Chemicals - February 2016”

The information contained in this safety data sheet is provided in good faith and is believed to be accurate at the date of issuance. Volumetric Concrete Australia Pty Ltd makes no representation of the accuracy or comprehensiveness of the information and to the full extent allowed by law excludes all liability for any loss or damage related to the supply or use of the information in this material safety data sheet. MSDS.COM.AU Pty Ltd is not in a position to warrant the accuracy of the data herein. The user is cautioned to make their own determinations as to the suitability of the information provided to the particular circumstances in which the product is used.